

2018 PROGRAM | AGENDA

**THE EVER-CHANGING WORLD OF CONSTRUCTION:
TODAY'S CHALLENGES
TOMORROW'S OPPORTUNITIES**

**OCTOBER 11, 2018 | GREENVILLE SC
GREENVILLE MARRIOTT, 1 PARKWAY EAST**

This year's event promises to be another information-packed, one-day program that's expected to draw a cross-section of attendees from across the region — facility owners, construction companies, specialty contractors, designers, vendors and other construction industry service providers.

Clemson University's Department of Construction Science and Management in conjunction with the department's Corporate Partner Companies presents:



The Ever-Changing World of Construction: Today's Challenges – Tomorrow's Opportunities

Thursday, October 11, 2018 | 8:45 am – 4:30 pm | Greenville Marriott | Chateau Ballroom
1 Parkway East | Greenville, South Carolina 29615 | Phone 864.297.0300

Is your business ready to face today's challenges? Are you prepared for the construction industry of the future? Learn from the best! Through interactive panel discussions, industry experts will share market intelligence and perspective to help participants deal with today's challenges and effectively prepare for anticipated industry trends.

Time	Activity/Topic	Speaker/Panelist
7:45 am - 8:45 am	Check-In/Registration	Common Area Overlooking Outdoor Patio/Pool
8:45 am – 9:00 am	Welcome & Opening Remarks	Bill Caldwell, Chairman & CEO Waldrop Mechanical Services
9:00 am – 9:10 am	CSM Department Overview	N. Mike Jackson, Ph.D., P.E., Chair and Professor, Clemson Department of Construction Science and Management
9:10 am – 9:15 am	Event Sponsor Remarks	McGriff Insurance Services
9:15 am – 10:15 am	Keynote Address: The Economic Situation: The Nation, Region, and Construction Industry	Dr. Bruce Yandle, Dean Emeritus, Clemson University College of Business & Behavioral Science and Adjunct Distinguished Fellow, George Mason University
10:15 am – 10:35 am	Morning Break with Refreshments Common Area Overlooking Outdoor Patio/Pool	
10:35 am - 11:35 am	Wood Structures/ Glulam Basics	Interactive Panel Discussion Jeff Stefani, Midwest Regional Sales Manager, Anthony Canfor Warren Hamrick, Engineered Wood Specialist, APA
11:35 am – 11:40 am	Media Sponsor Remarks	<i>GroundBreak Carolinas</i>
11:40 am – 12:45 pm	Buffet-Style Lunch Common Area Overlooking Outdoor Patio/Pool	

Time	Activity/Topic	Speaker/Panelist
12:45 pm – 2:00 pm	Modularization’s Impact on the Construction Industry	Interactive Panel Discussion Justin Morris, VP/Co-Owner, Titan Modular Systems, Inc. Kane Smith, Branch Manager, Satellite Shelters
2:00 pm - 2:15 pm	Break with refreshments Common Area Overlooking Outdoor Patio/Pool	
2:15 pm – 3:30 pm	What is IPD Delivery? Panel Discussion	Interactive Panel Discussion Steve Wiley, Senior Project Manager, Robins & Morton. Craig Piper, AIA, LEED AP, Senior Principal, SMRT Architects and Engineers Kevin Robinson, General Manager, New England Tech Air
3:30 pm - 4:15 pm	Current Trends and Challenges in the Construction Industry: From a Contractor’s and a Designer’s Perspective	Interactive Panel Discussion Brian King, President, A M King Brad Smith, AIA, Principal in Charge, McMillan Pazdan Smith
4:15 pm – 4:30 pm	Closing Remarks Survey: Overall Event Evaluation	Bill Caldwell, Chairman & CEO Waldrop Mechanical Services
4:30 pm - 6:30 pm	Post-Event Networking Social Common Area Overlooking Outdoor Patio/Pool	

Registration Information

Cost includes lunch, break refreshments, and workshop materials. FREE PARKING.

Clemson University CSM Corporate Partner Companies

- First company representative at no cost (Registration Code will be provided to all Corporate Partners)
- Additional Corporate Partner employees \$275.00 per person

Non-Corporate Partners

Registration | \$300.00 per person

CLICK HERE TO REGISTER.

For any questions please contact

Mike Jackson at nmjacks@clemson.edu or call him at 864.656.3878



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Morning Keynote

The Economic Situation: The Nation, Region, and Construction Industry

Bruce Yandle, Dean Emeritus, Clemson University College of Business & Behavioral Science and Adjunct Distinguished Fellow, George Mason University

Bruce Yandle is Dean Emeritus of Clemson University’s College of Business & Behavioral Science where he taught for 31 years. While serving as Alumni Distinguished Professor of Economics at Clemson, he taught in graduate programs in France, Italy, Germany, and the Czech Republic. He is author/editor of 17 books and is a contributor to the *Washington Examiner* and *U.S. News & World Report*. Dr. Yandle served in Washington on two occasions, first as a senior economist on the White House staff during the Ford Administration and later as Executive Director of the Federal Trade Commission in the Reagan Administration. Bruce was member and chairman of the South Carolina State Board of Economic Advisors, member and chairman of the Spartanburg Methodist College board of trustees, and member of the board of trustees of the Foundation of Economic Education. In 2016, he received the Julian L. Simon Memorial Award from Washington’s Competitive Enterprise Institute for his work in explaining free market capitalism. Prior to entering an academic career, Dr. Yandle was in the industrial machinery business for 15 years. His quarterly Economic Situation report is distributed by George Mason University.



About the Speakers & Panelists

Morning Discussion

Wood Structures/Glulam Basics



**Jeffrey Stefani, P.E., Midwest Regional Sales Manager
Engineered Wood Product Sales, Anthony Canfor**

Jeff Stefani is Midwest Regional Sales Manager for Anthony Canfor's Engineered Wood Products. A Registered Professional Engineer, he provides customer technical support nationwide for the company's glulam products. Jeff has been with Anthony Canfor for 15 years and has previous experience with engineered wood products manufacturing. His background includes structural consulting and construction management. Jeff is a graduate of Purdue University with a Bachelor of Science degree in Civil Engineering. He also has an MBA from Xavier University.



**Warren Hamrick
Engineered Wood Specialist
APA – The Engineered Wood Association**

Warren Hamrick is an Engineered Wood Specialist for APA – The Engineered Wood Association, serving the southeastern United States. Warren consults with and conducts workshops for designers, code officials, and other building professionals on best practices for specification, selection, and application of engineered wood products. Warren graduated from North Carolina State University with a Bachelor of Science degree in Civil Engineering. Prior to joining APA, Warren worked as a project manager for a structural engineering firm specializing in commercial construction.

Afternoon Discussions

Panel Discussion: Modularization's Impact on the Construction Industry



**Justin Morris, Vice President and Co-Owner
Titan Modular Systems, Inc.**

Justin Morris is Vice President and co-owner of Titan Modular Systems, Inc. He has worked in the modular industry for over 16 years with much of this time on the construction side of the business. Justin oversees all major projects. One example is a large modular police station for Clemson University. Justin is a graduate of the University of West Alabama with a Bachelor's degree in Technology Science.



**Kane Smith, Branch Manager
Satellite Shelters**

Kane Smith is Branch Manager at Satellite Shelters. He has been with Satellite Shelters for 10 years. For Satellite he has completed various projects in a variety of market segments – ranging from large industrial projects to small commercial buildings. Because of the U.S. labor crisis, Kane believes that modular construction is how we will build in the future. Prior to working with Satellite, Kane worked in the construction equipment industry.

Panel Discussion: What is IPD Delivery?



Steve Wiley, Senior Project Manager Robins & Morton

Steve Wiley, Senior Project Manager with Robins & Morton, has 26 years of healthcare construction experience. Over the years, Steve has served in many different roles including preconstruction, project management, and field supervision. He was as a member of the project management team for the new 600,000 sf replacement hospital for Maine General Medical Center, utilizing Integrated Project Delivery (IPD) in 2010-2013. He currently is managing the MUSC Shawn Jenkins Children's Hospital Project in Charleston, SC.

Steve has a thorough understanding of Integrated Project Delivery and how this collaborative process can save time, money and improve quality on healthcare construction projects. Steve received his Bachelor of Science degree in Building Construction from Auburn University.

Craig Piper, AIA, NCARB, LEED AP, Senior Principal SMRT Architects and Engineers



Craig Piper, a Principal, Architect and Landscape Architect, is an expert in planning

and designing healthcare facilities. Craig's expertise is wide-ranging, including both inpatient areas and outpatient diagnostic and treatment facilities. He has worked with large and small hospitals and has managed projects ranging from planning a new replacement hospital to an oxygen storage room. He is a graduate of Syracuse University/SUNY College of Environmental Science and Forestry with a degree in Landscape Architecture and holds a Master of Architecture from Rensselaer Polytechnic Institute. He is a Registered Architect in 15 states and a Registered Landscape Architect in Maine.



Kevin Robinson, General Manager New England Tech Air

Kevin Robinson, based in Charleston, has been with New England Tech Air for 33 years. He assumed the role as General Manager 14 years ago. During this time, Kevin has been involved with numerous large-scale projects that utilized LEAN and IPD processes, including Cherokee Indian Hospital in Cherokee, NC and Maine General Hospital in August, ME. As a true LEAN champion Kevin strives to continuously introduce and improve these methods in his professional life. He studied Sheet Metal Technologies at Northern Maine Vocational Institute and is registered in four states. Professional affiliations include SMACNA, NE Lean CoP, and LCI.

Current Trends and Challenges in the Construction Industry: From a Contractor's and a Designer's Perspective



Brad Smith, AIA, Managing Principal McMillan Pazdan Smith

Brad Smith, Managing Principal of McMillan Pazdan Smith, is a Clemson University graduate with a diverse background of project experience including higher education, healthcare, commercial, civic and community projects. A gifted facilitator, Brad often guides planning, programming and design charrettes to engage stakeholders in the creative analysis of needs and effective solutions. He is past Chairman and current Board Member of South Carolina's State Board of Architectural Examiners and was Chair while serving 10 years on the board for the Clemson Advancement Foundation.



Brian King, President & CEO A M King

Brian King is an entrepreneur and President and CEO of A M King, a Carolinas-based firm that provides property consulting, design, construction and facility services of highly complex facilities in niche markets throughout the United States. Founded in 2004, under Brian's leadership, A M King has achieved more than \$1 billion in revenue since its inception. With approximately 70 employees and annual revenues exceeding \$100 million, A M King is a national firm having now performed services in 22 states, while working with some of the largest and most successful organizations in business today. Brian holds a Bachelor of Building Construction from University of Florida. He has served and currently sits on multiple industry and community boards.